

Standard Extraction Method
PRIOR ART

Dry lipids under nitrogen
↓

Sonicate in buffer to form micelles
Add reaction mixture
↓

Stop Reaction
↓

Extract lipids in chloroform/methanol
to induce two phases
↓

Spin down
↓

Remove upper (water) phase
↓

To lower phase add
artificial upper phase
↓

Spin down
↓

Remove lower (lipid) phase
into fresh tubes
↓

Count or run TLC

Present Invention

Spot liquids on the membrane directly
from chloroform/methanol solution
↓

Add reaction mixture
(enzyme + ^{32}P -ATP)
↓

Stop reaction
↓

Wash membranes
↓

Phosphoimage analysis or
radioactivity counting

FIG. 1

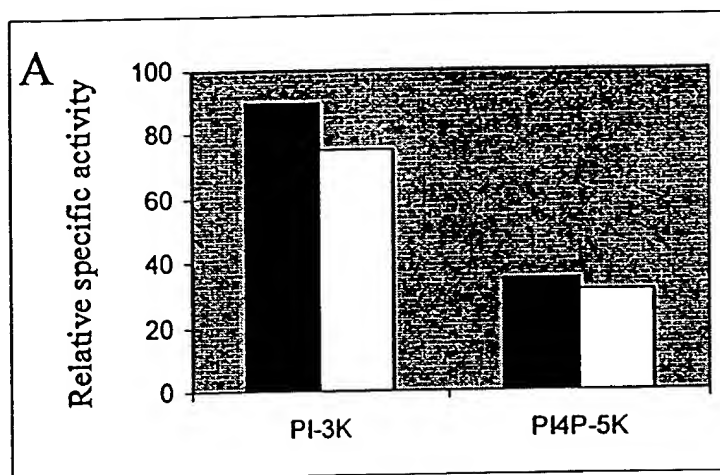


FIG. 2A

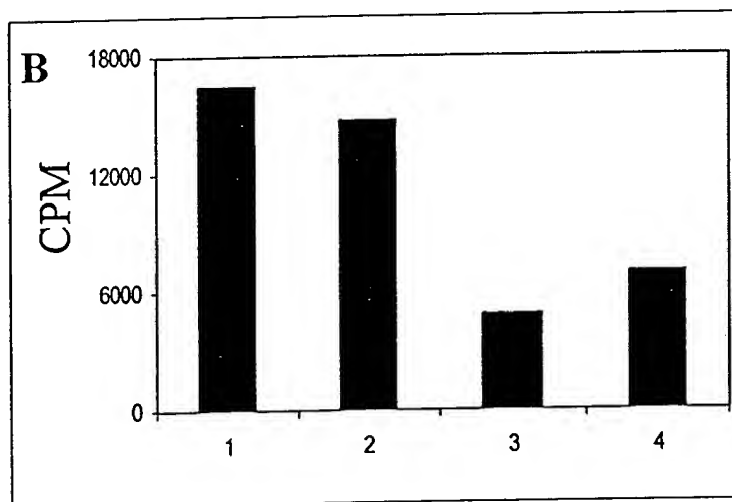


FIG. 2B

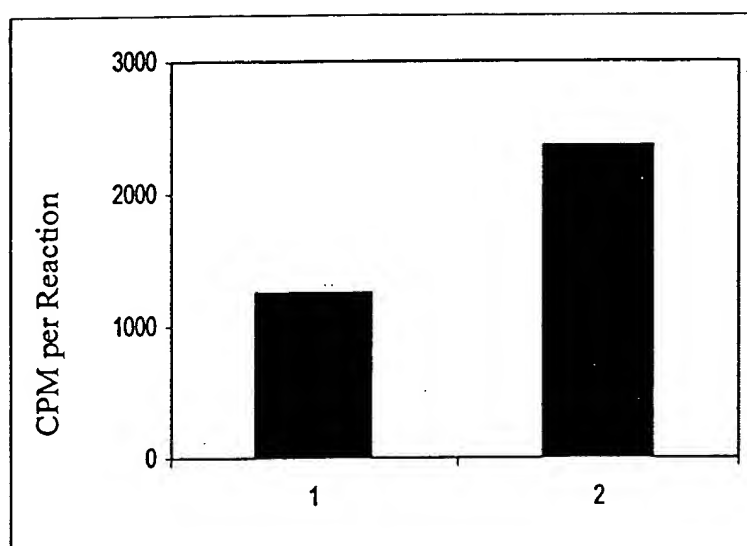


FIG. 3

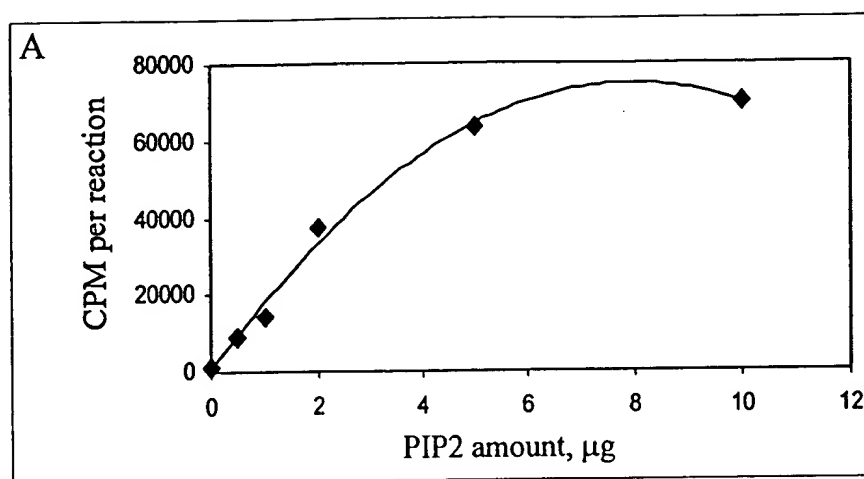


FIG. 4A

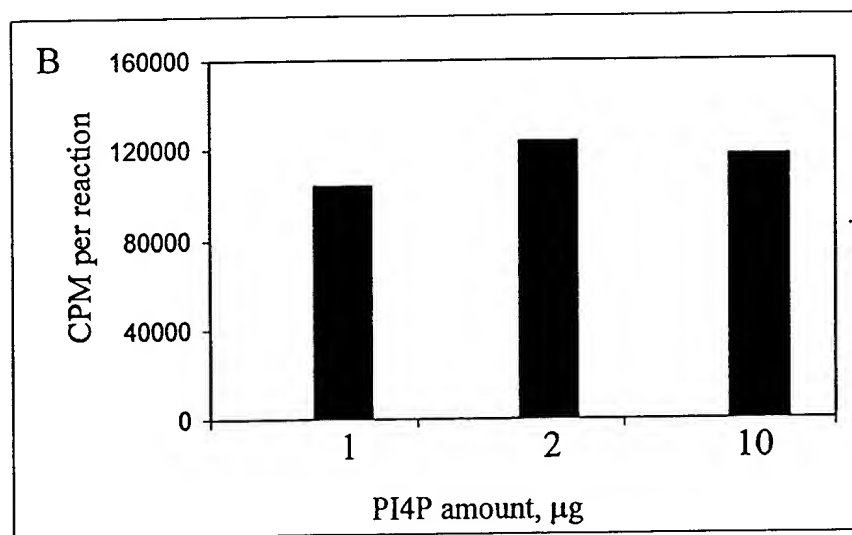


FIG. 4B

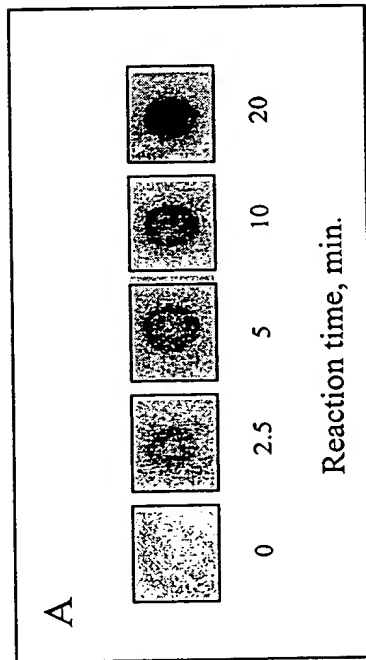


FIG. 5A

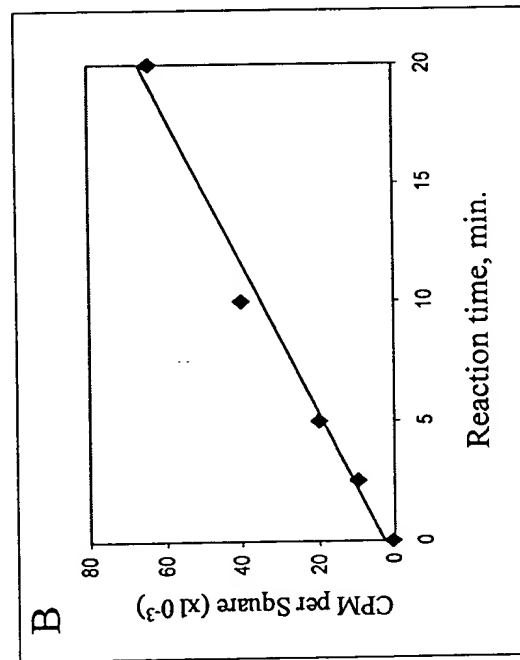


FIG. 5B

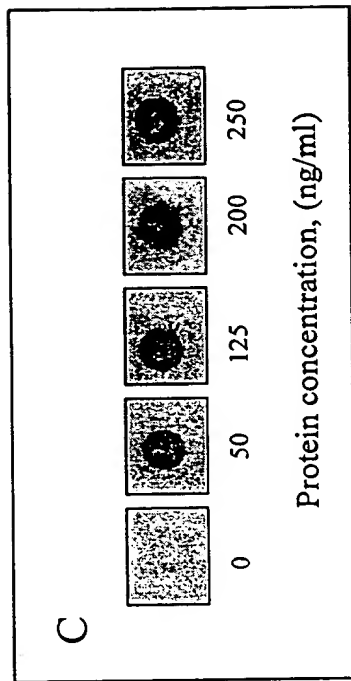


FIG. 5C

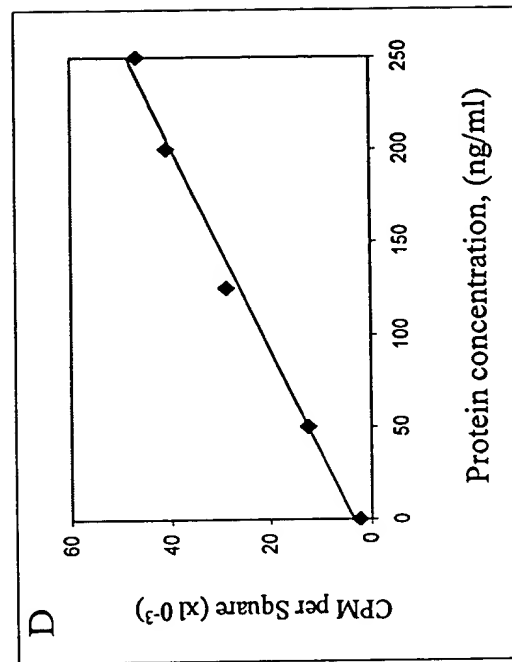


FIG. 5D

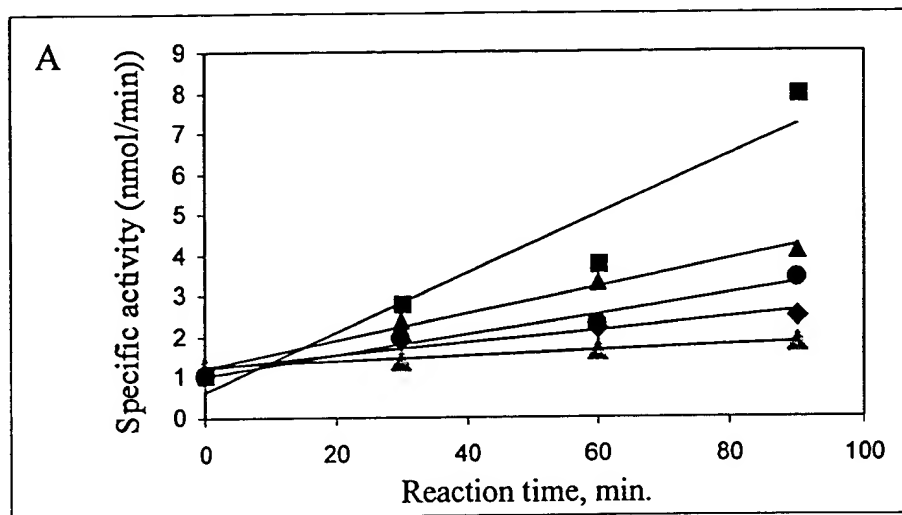


FIG. 6A

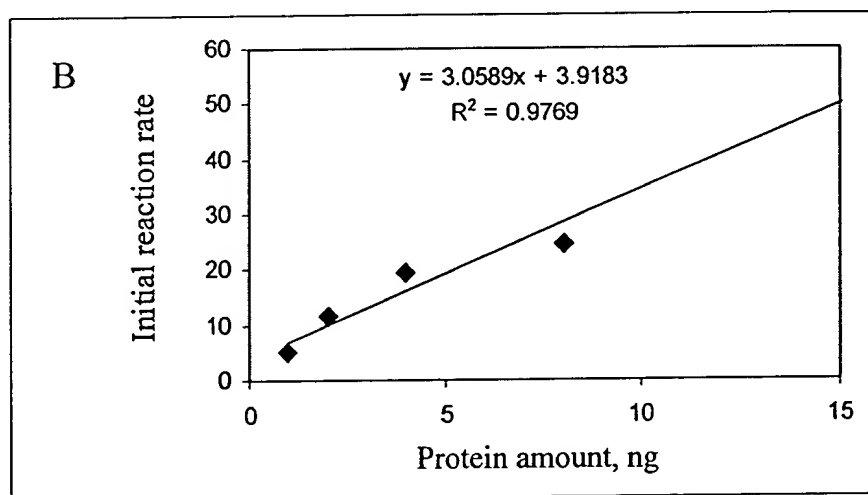


FIG. 6B

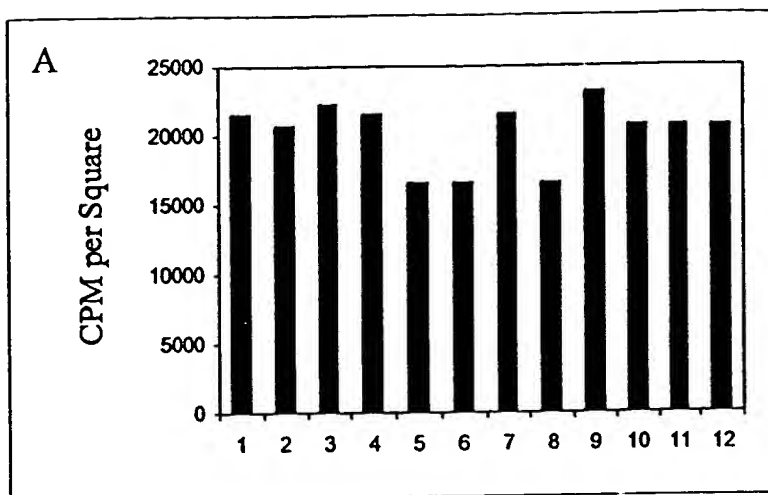


FIG. 7A

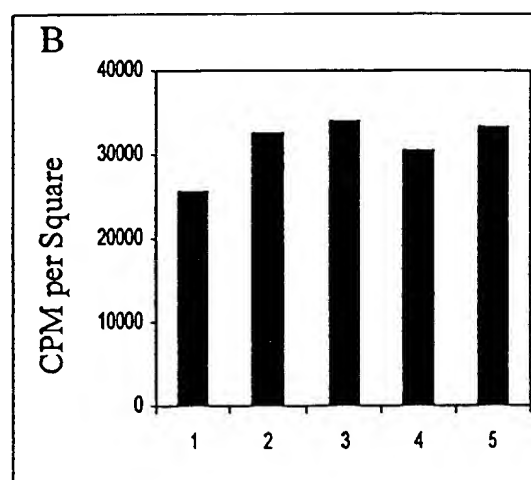


FIG. 7B

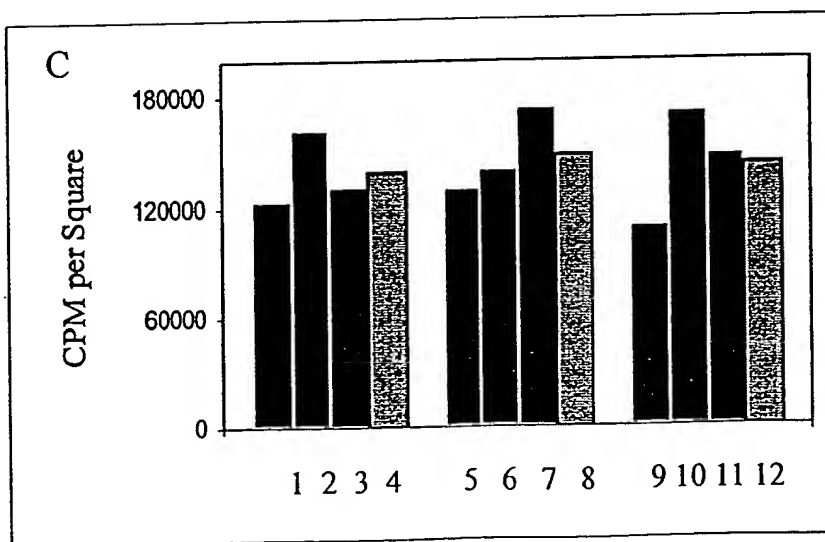


FIG. 7C

405001 42472350

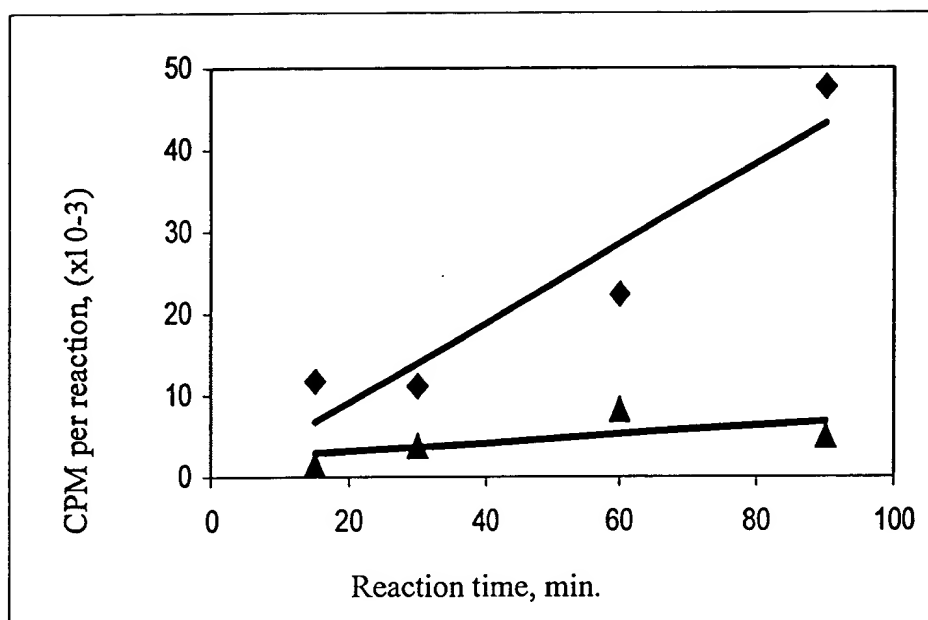


FIG. 8

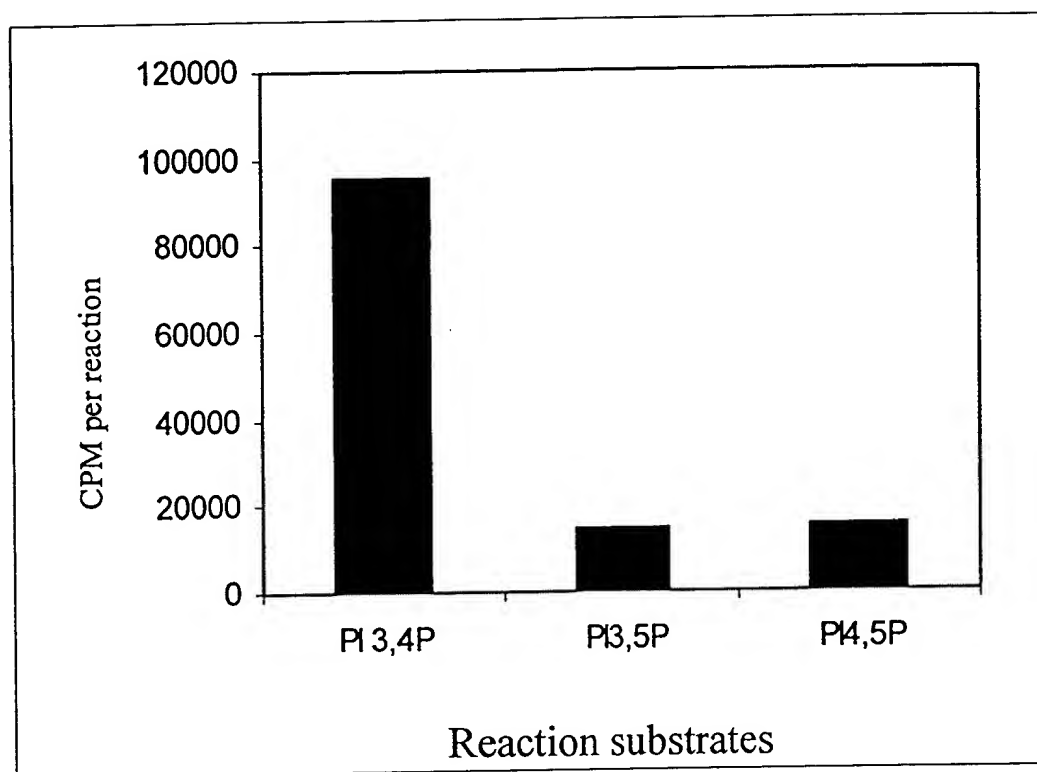


FIG. 9

09871434 100904
F0500F 42474860

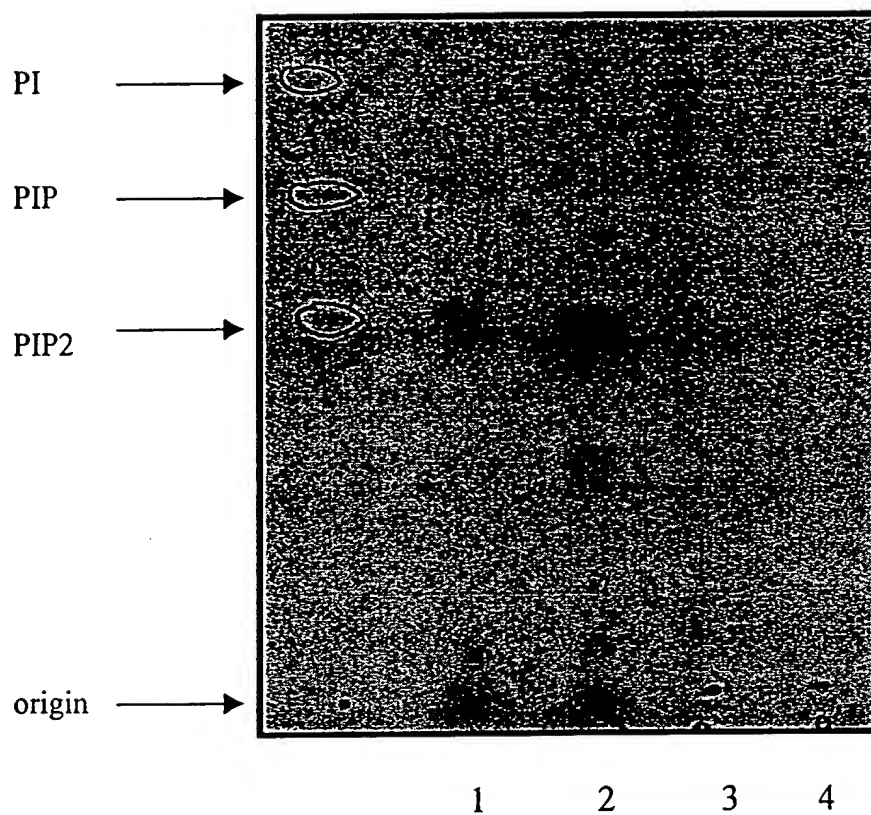


FIG. 10

09874434 400904
F0500F 42472860

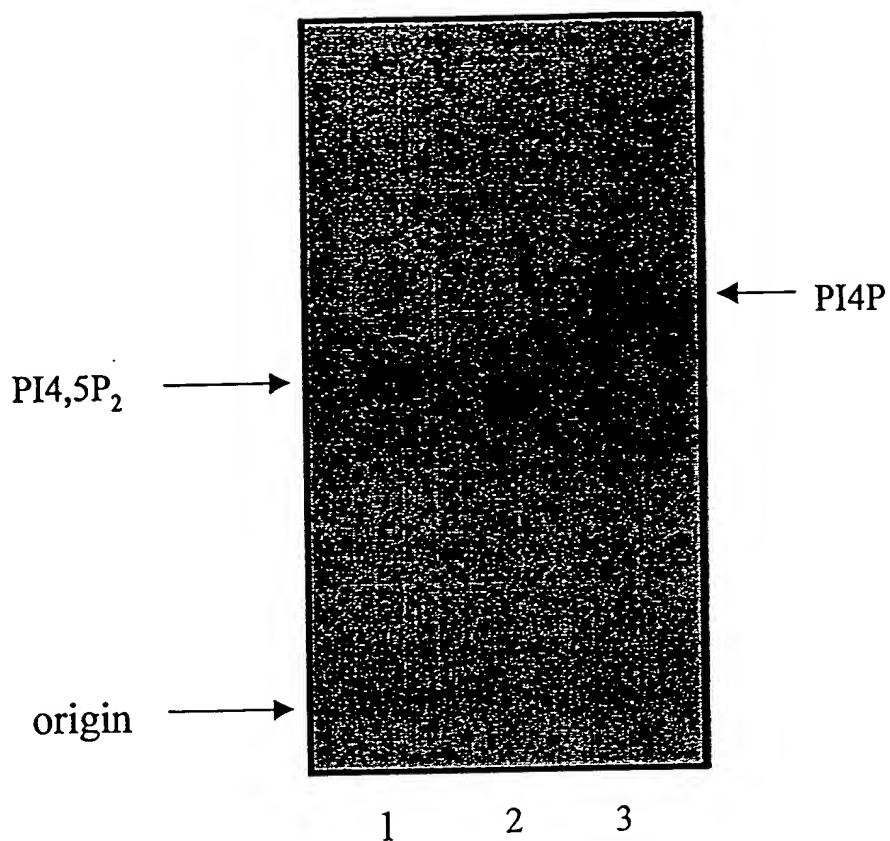


FIG. 11A

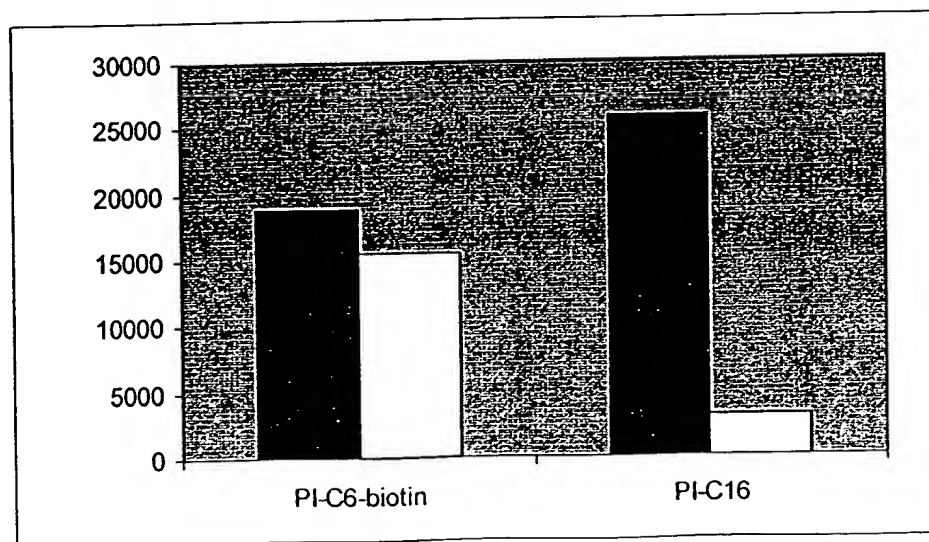


FIG. 11B